

## Kth Largest Element in an Array [\(View\)](#)

Given an integer array `nums` and an integer `k`, return *the  $k^{\text{th}}$  largest element in the array*.

Note that it is the  $k^{\text{th}}$  largest element in the sorted order, not the  $k^{\text{th}}$  distinct element.

### Example 1:

**Input:** `nums = [3,2,1,5,6,4]`, `k = 2`

**Output:** 5

### Example 2:

**Input:** `nums = [3,2,3,1,2,4,5,5,6]`, `k = 4`

**Output:** 4

### Constraints:

- `1 <= k <= nums.length <= 104`
- `-104 <= nums[i] <= 104`